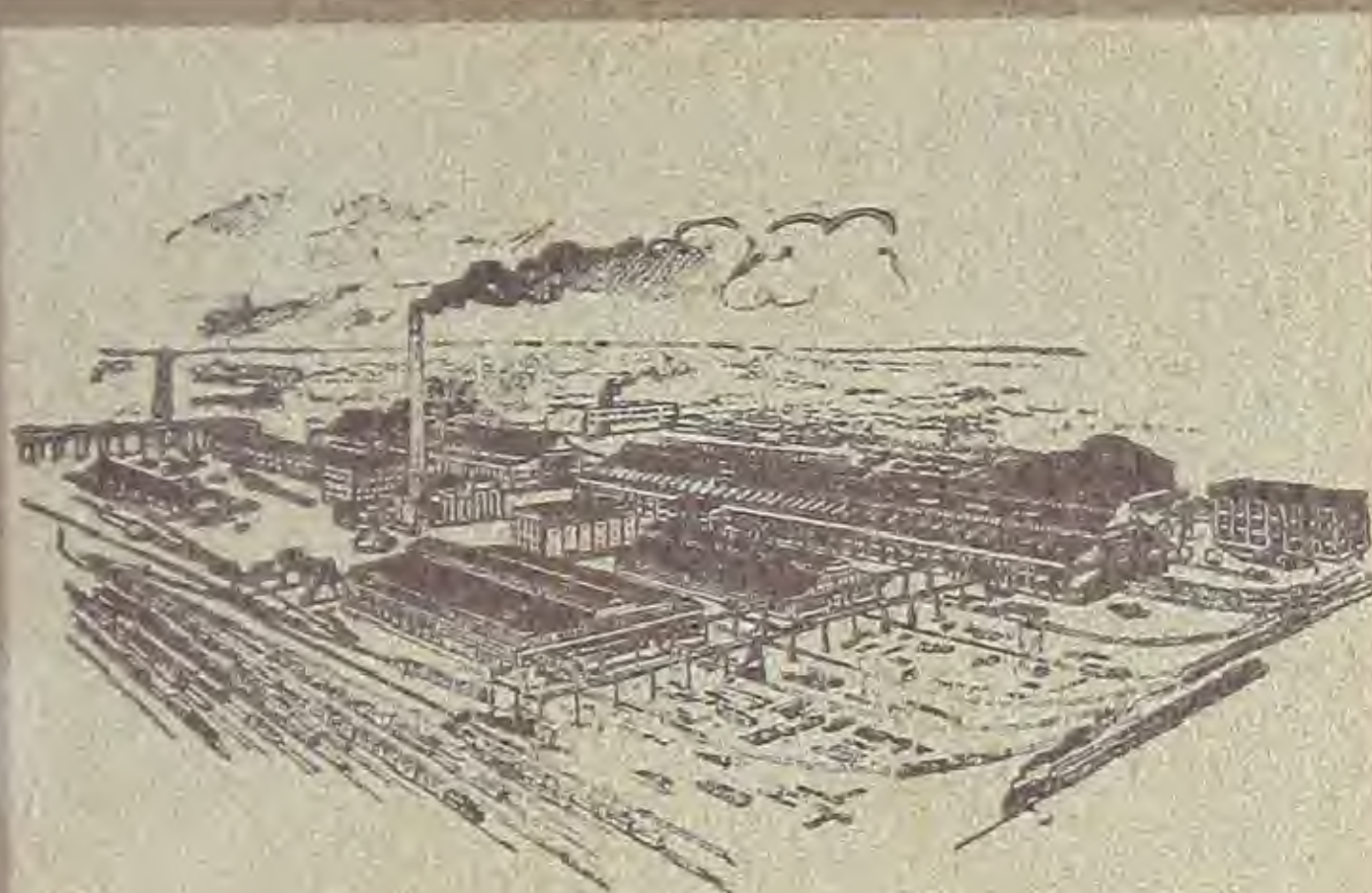


OUR PRODUCT



DAVENPORT WORKS

**CANADA
FOUNDRY
COMPANY
LIMITED
TORONTO**



25
24745

Canadian General Electric Co., Limited

Canada Foundry Co. Limited



212 KING STREET WEST

HEAD OFFICE . . TORONTO

DISTRICT OFFICES

MONTREAL

HALIFAX

OTTAWA

COBALT

WINNIPEG

ROSSLAND

VANCOUVER

Canadian General Electric Co., Limited

Canada Foundry Co. Limited

CAPITAL PAID UP - \$6,700,000
SURPLUS - 1,814,763

DIRECTORS:

President:
W. R. BROCK

Vice-President:
H. P. DWIGHT

Vice-President and General Manager:
FREDERIC NICHOLLS

Assistant General Manager and Secretary:
H. G. NICHOLLS

HON. GEO. A. COX	HON. ROBT. JAFFRAY
A. E. DYMENT	HON. J. K. KERR, K.C.
RODOLPHE FORGET	WM. MACKENZIE
HERBERT S. HOLT	W. D. MATTHEWS
JAMES ROSS	

GENERAL OFFICES

King and Simcoe Streets, TORONTO

DISTRICT OFFICES

Montreal	Halifax	Ottawa
Cobalt	Winnipeg	Rossland
	Vancouver, B.C.	

FACTORIES

Peterboro, Ont.	Toronto, Ont.	Davenport, Ont.
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DETAILS OF ORGANIZATION

AS this pamphlet is published for the purpose of illustrating the various lines of manufacture of the Canada Foundry Department as distinct from those of the Electric Department, an explanation of its relation to the Canadian General Electric Co., Limited, may be of interest.

The Canadian General Electric Co., Limited, is the owner of all the Shares and Assets of the Canada Foundry Co., Limited. The manufacturing, Engineering and Sales Departments of each, however, are separate and distinct, but all under the control of general Executive officers.

The Canadian General Electric Co., Limited, is the largest manufacturer of Electrical apparatus and supplies in Canada. The factories of this Department are at Peterboro, Ont., occupying a well selected manufacturing site of about fifty acres, and the numerous shops are second to none in tools and equipment. The various lines of product at Peterboro comprise Electric Generators, Motors of all types, Transformers, Electric Locomotives, Street Railway Equipment, Insulated Wires, Incandescent Electric Lamps, Electric Porcelains, and general Electrical supplies of all kinds.

The Canada Foundry Company, Limited, is the largest general Engineering and manufacturing Company in Canada. The main works are at Davenport, Ont. (a suburb of Toronto), and the works of the Ornamental Iron Department are in the City of Toronto.

The Davenport works comprise some sixty acres, and its numerous shops are equipped with up to date machinery; and several miles of railway sidings owned by the Company enable raw materials and finished product to be handled with facility. Important Government, Municipal, Railroad and Industrial Engineering contracts have been successfully completed at these works, and the following pages will indicate some of the various lines of our standard productions.

The Ornamental Iron Department, while occupying separate works, is operated as a Department of the Canada Foundry Co. Up to a year or two since important Iron and Bronze

Ornamental work was mostly imported, but this Company, by employing the highest technical skill, providing modern manufacturing facilities and using only the finest materials, has developed a large and increasing business.

OUR PRODUCT

Although the space at our disposal in this pamphlet does not permit of an extended reference to the varied lines of Mechanical Equipment and Supplies which we manufacture or handle we believe a brief summary of some of the more important classes of our product will be of general interest, not only to our present or prospective customer, but also to all who are associated with or interested in the general development of industrial activity throughout the Dominion of Canada.

Since the organization of the Company its business and facilities have steadily increased until it is now in a position to undertake and carry out to successful completion, Engineering projects of the greatest magnitude in addition to furnishing a wide range of Apparatus and Equipment.

With its large and efficient staff of Designers, Engineers and Construction Experts, in conjunction with its extensive and well equipped Machine Shops, Foundries, etc., the Company in addition to manufacturing its output is enabled to supervise its actual Erection and Installation,—thus centralizing under one complete organization the responsibility for the work as a whole—with the manifest advantages which such supervision ensures.

In addition to our Head Office, Sales and Engineering Depts. our Branch Offices and Warehouses, each with its own complete organization, enable us to study local conditions and keep in touch with the requirements of Canadian trade in each Province of the Dominion.

A list of the catalogues and bulletins issued by the Company is given on page 32, any of which we will be glad to send to those interested.



DAVENPORT WORKS

Comprising 60 acres, and including 8 acres of
Operative Floor Space



ORNAMENTAL IRON WORKS

Comprising Machine, Erecting, Plating, Smith and
Pattern Shops, Foundry, Drawing Office, etc.



PETERBORO WORKS

Comprising 50 acres, and including 6 acres of
Operative Floor Space



Standard Freight Locomotive



50 Ton Electric Locomotive



C.N.R. Bridge over Pickerel River, Ont.



STEAM LOCOMOTIVES

for any service

EXPRESS

YARD

PASSENGER

FREIGHT

CONTRACTORS'

ELECTRIC LOCOMOTIVES

For Alternating or Direct Current

URBAN

MINING

INTERURBAN

TUNNEL

SWITCHING

BRIDGES

THROUGH TRUSSES

DECK TRUSSES

PLATE GIRDERS

SWING BRIDGES

BASCULE BRIDGES

VIADUCTS

CANTILEVERS

TURNTABLES

HIGHWAY BRIDGES

of all types

Designed, Built and Erected

RAILROAD SUPPLIES

HAND CARS

VELOCIPEDES

PUSH CARS

TRACK DRILLS

INSPECTION CARS

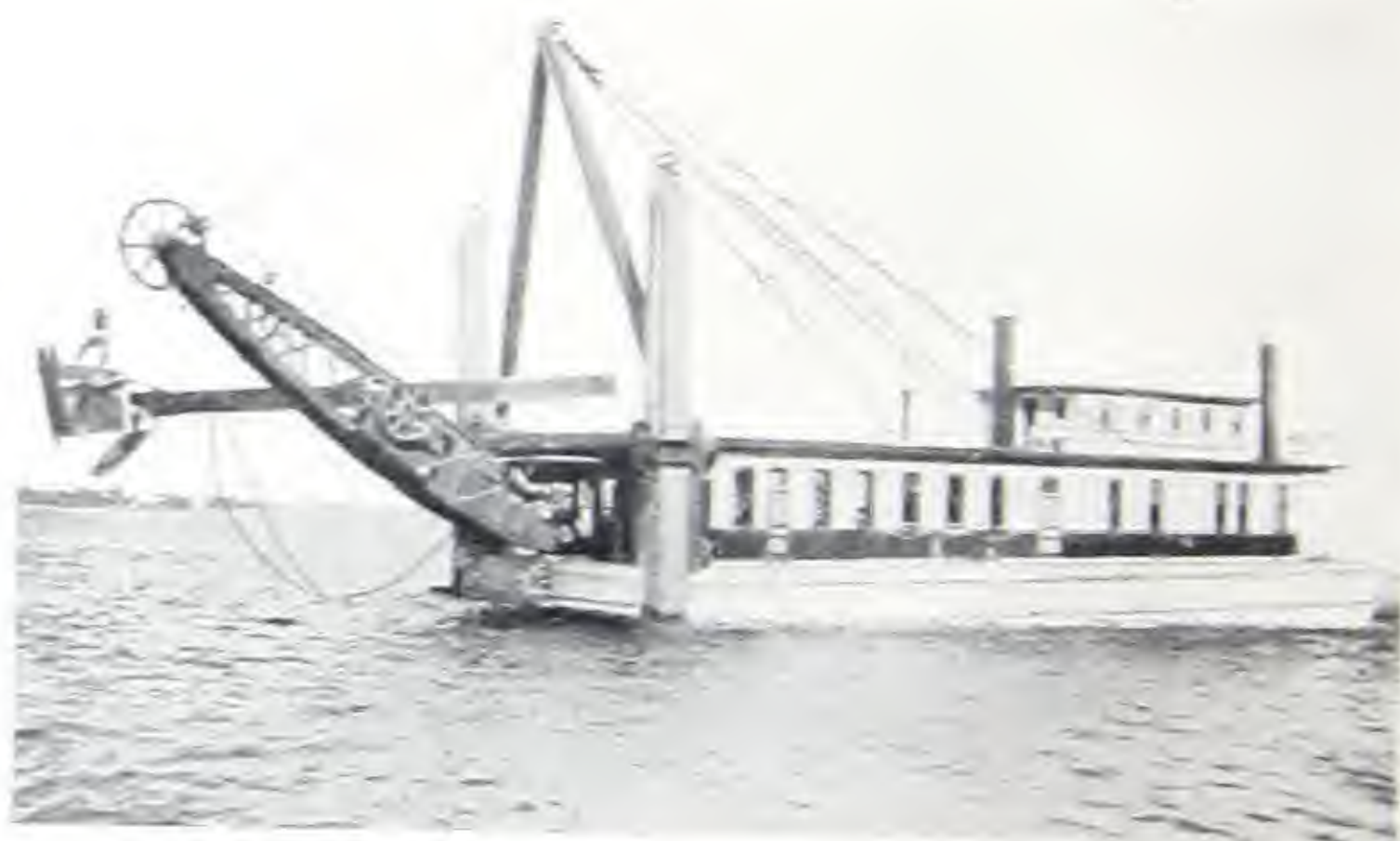
RAIL JACKS, Etc.



70 Ton Steam Shovel



Railroad Pile Driver



Six-Yard Dipper Dredge



100 Ton Wrecking Crane

STEAM SHOVELS

For all purposes

From one yard to five yards capacity, for sand, gravel, clay, rock or ore.

Equipped also as sewer excavator or trenching machine.

PILE DRIVERS

Specially designed and built for Railroads.

Self-contained and self-propelled. Constructed entirely of Metal. Equipped with steam or drop hammer.

DIPPER DREDGES

Of all sizes and designed for all classes of work.

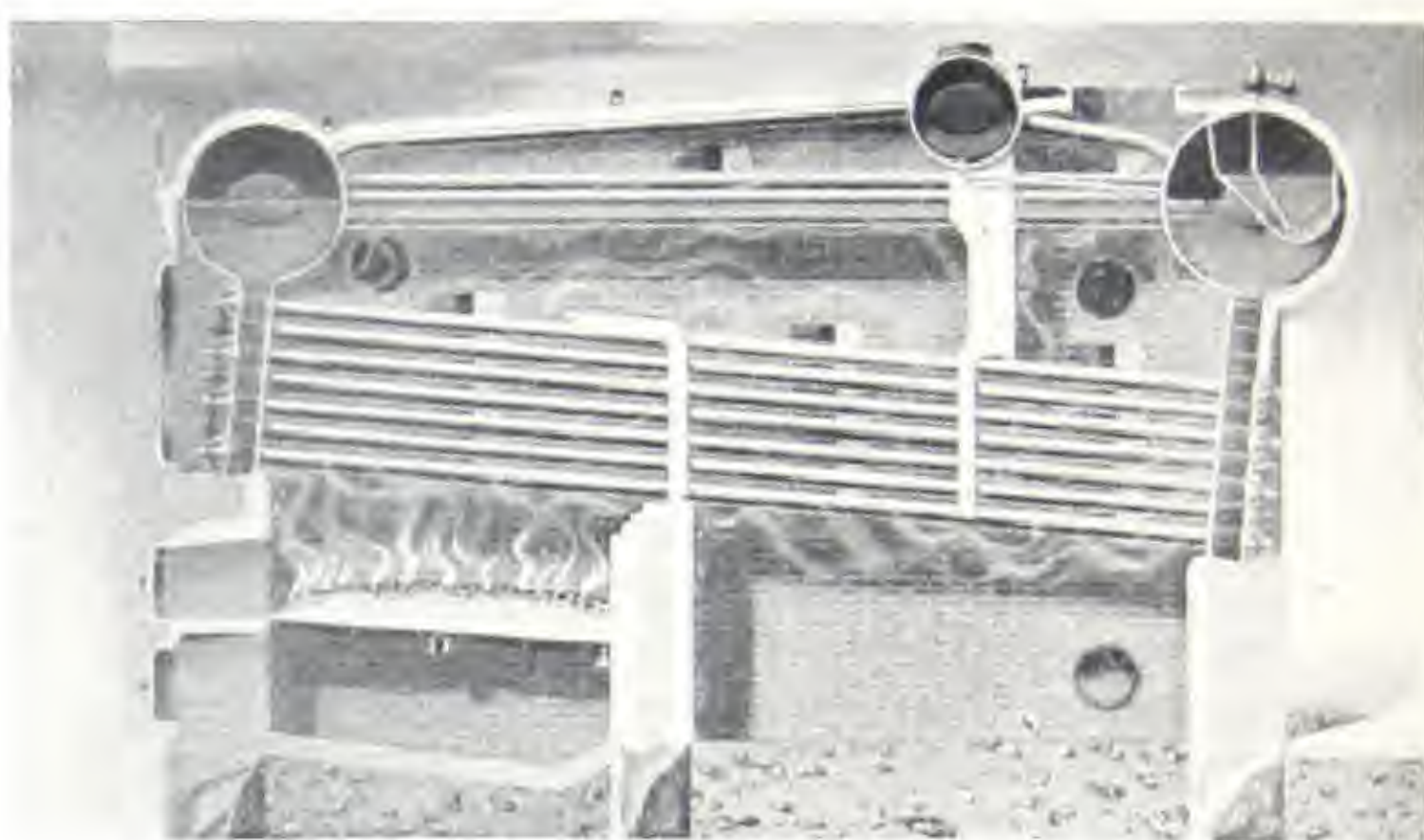
Dippers from $\frac{1}{2}$ yard to ten yards capacity.

WRECKING CRANES

50 ton, 75 ton and 100 ton capacity.

Self-propelling.

Also hand wrecking cranes from fifteen tons up.



Canada Water Tube Boiler



Return Tubular Boiler



100,000 Gallon Water Tower 400,000 Gallon Stand Pipe

WATER TUBE BOILERS

CANADA WATER TUBE BOILERS are built on correct principles for everyday service, in sizes from 100 to 600 horse power. The only steam generator delivering steam superheated 10 to 30 degrees without external superheater. Theoretically correct circulation. Equal expansion in all parts.

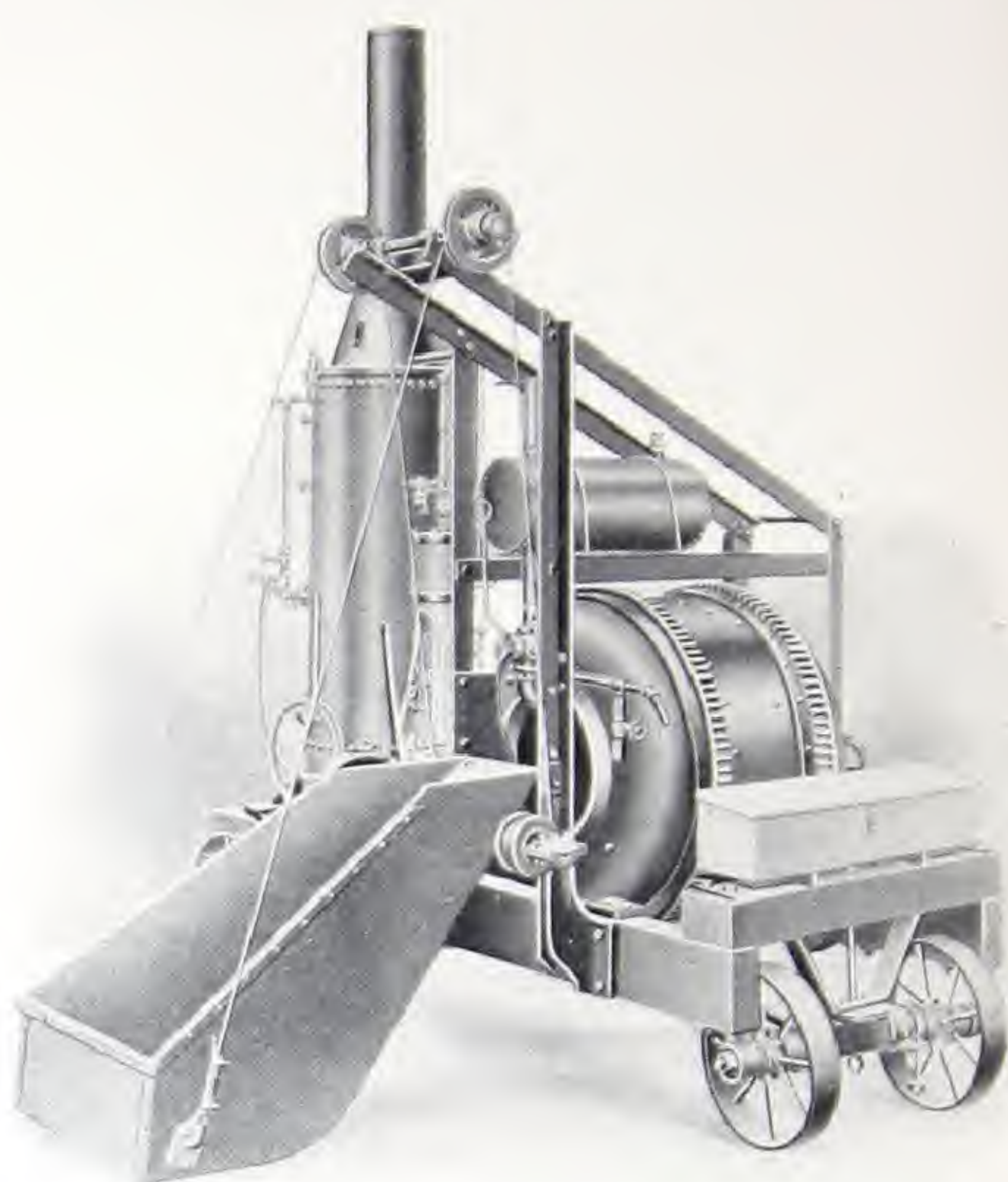
RETURN TUBULAR BOILERS in all sizes to suit any specifications. All our boilers are inspected and tested by a Boiler Inspection Company before shipment.

HORIZONTAL	VERTICAL
LOCOMOTIVE	PORTABLE

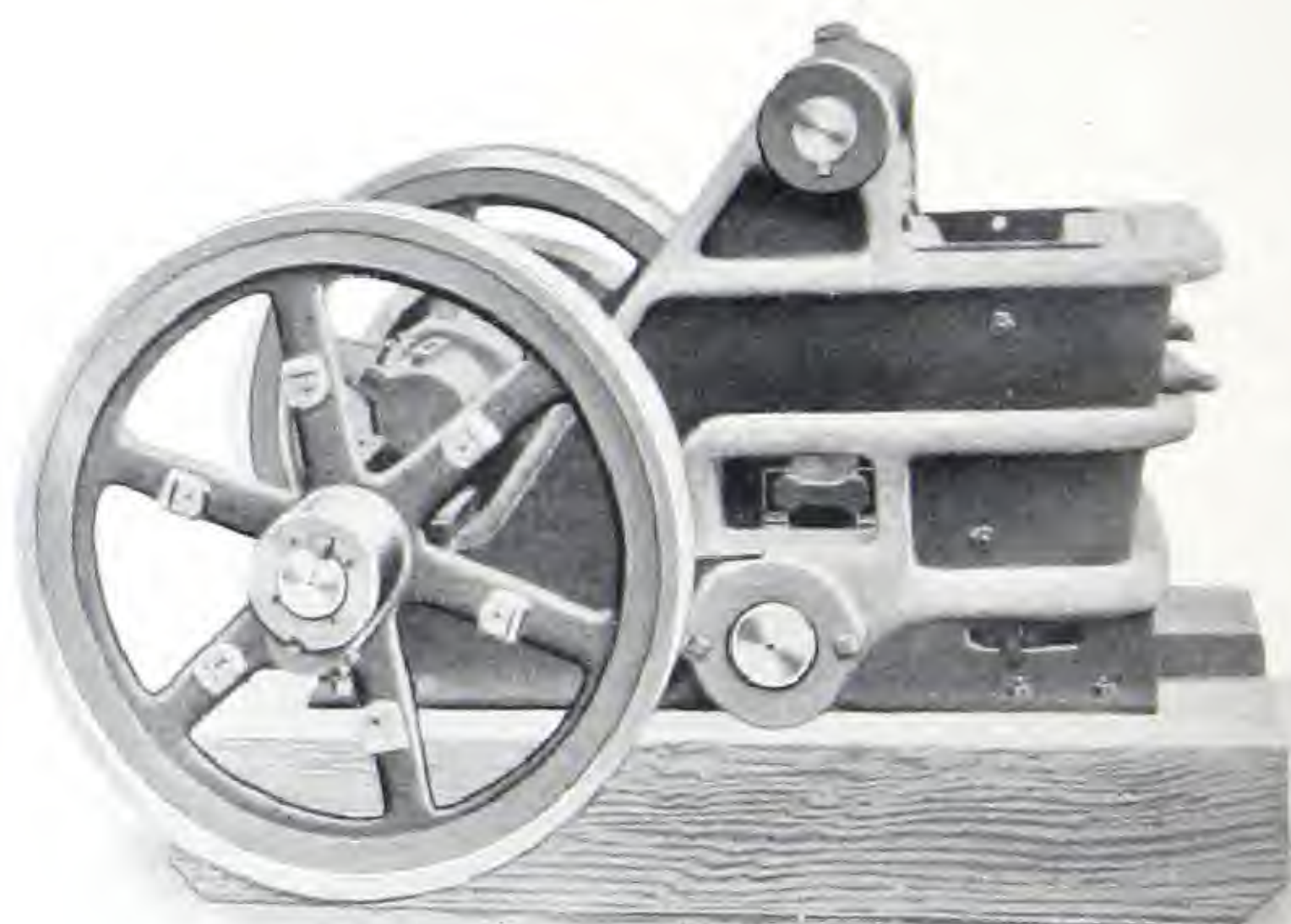
Our large and modern Boiler Shop is particularly well adapted to turn out rivetted steel work of any description, including

WATER TOWERS
STAND PIPES
PENSTOCKS
FLUMES
RIVETTED STEEL PIPE
SMOKE STACKS, etc.

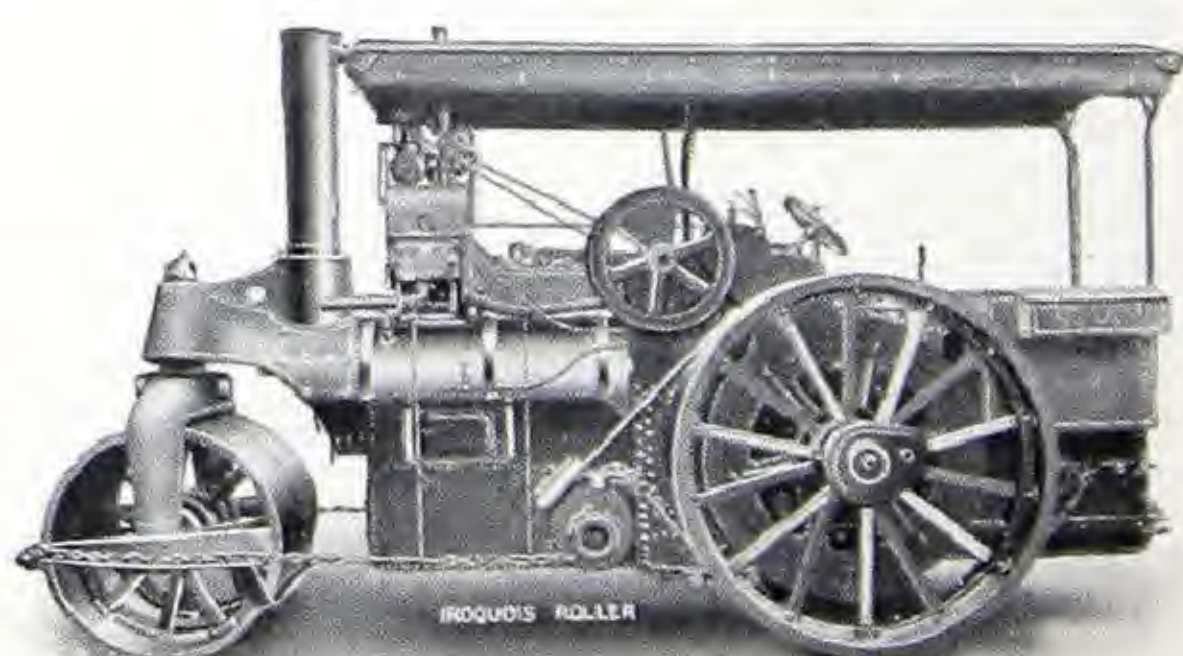
Send us your specifications.



Koehring Concrete Mixer



Stone Crusher



Road Roller

CONCRETE MIXERS

KOEHRING CONCRETE MIXERS are made for all purposes from the small sidewalk machine of 4 feet capacity, and the 14 foot pavement mixer, to the 27 foot mixer for large masses of concrete.

These mixers can be furnished with Steam, Gasoline or Electric power as desired.

STONE CRUSHERS

Our Steel Frame Stone Crushers are substantially made with few wearing parts, and are designed for constant service. Capacities from ten to twenty-five tons per hour.

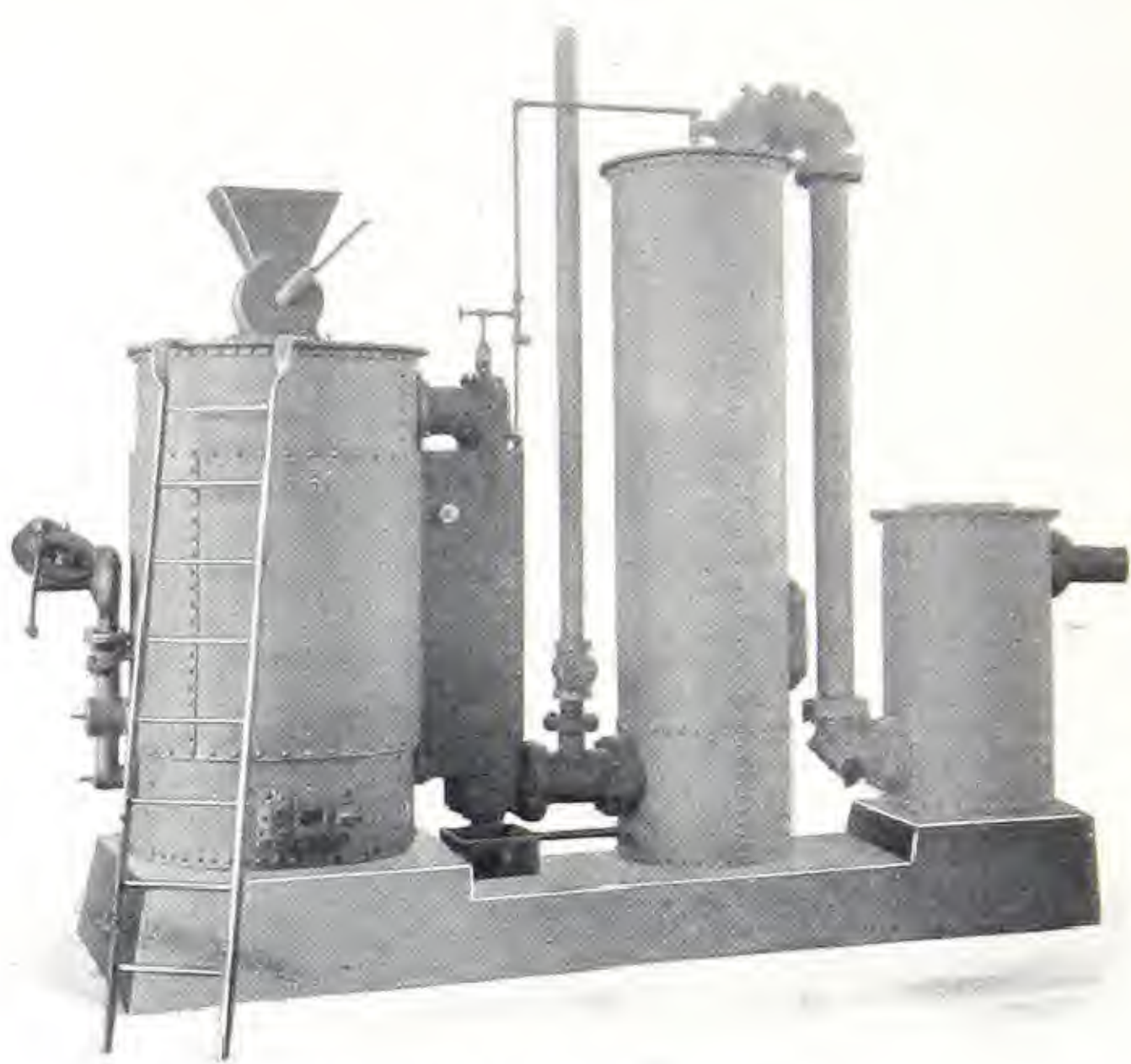
Gyrating Crushers in larger capacities.

IROQUOIS ROAD ROLLERS from ten to fifteen tons.

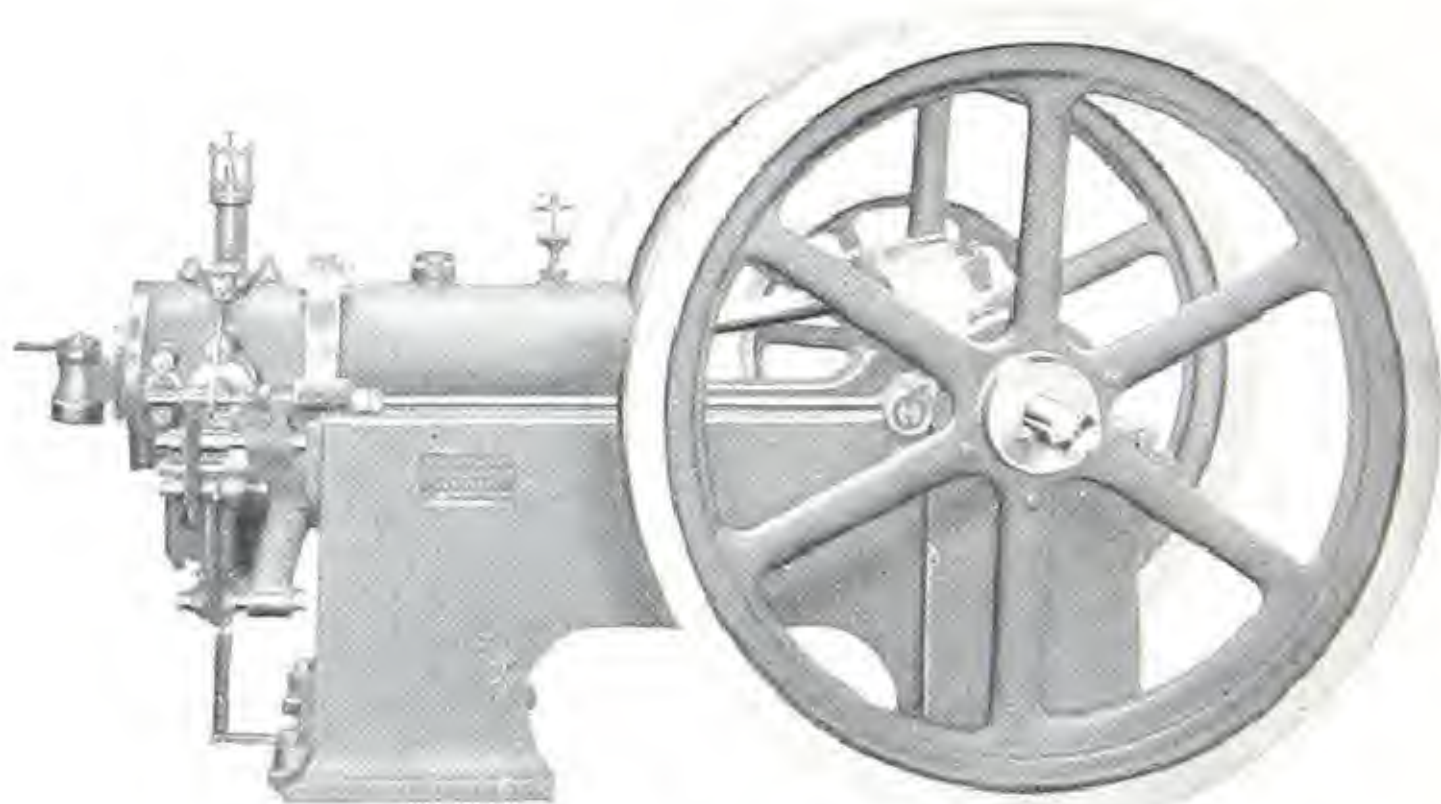
ASPHALT ROLLERS.

COMPLETE ASPHALT PLANTS of all types.

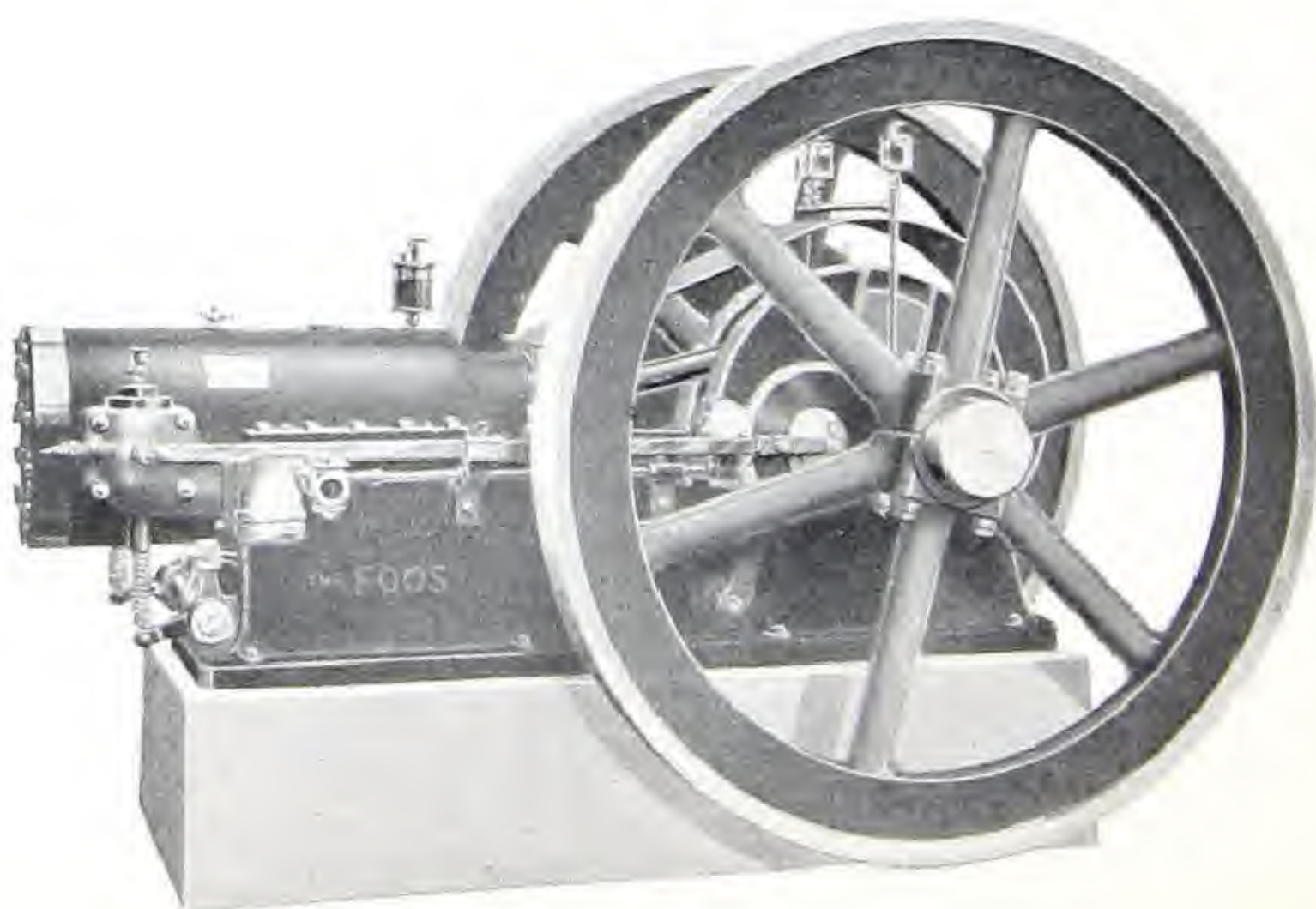
ASPHALT MACHINERY and TOOLS.



Canada Gas Producer



Premier Gas Engine



Foos Gasoline Engine

CANADA GAS PRODUCERS

Canada Gas Producers (Suction Type) are specially designed and built to produce gas, for power purposes, from such coal as is procurable here, or from shavings, wood, peat, refuse, etc.

They are compact and simple, economical in operation, low in maintenance cost and well adapted for installations requiring continuity of service.

Inquiries solicited on plants from 25 to 5,000 horse power.

GAS ENGINES

We are prepared to furnish Gas Engines of any size for use with—

PRODUCER GAS	TOWN GAS
COKE OVEN GAS	NATURAL GAS
BLAST FURNACE GAS	

Also BLACKSTONE OIL ENGINES using low grade Oil for Fuel. Let us discuss the question with you.

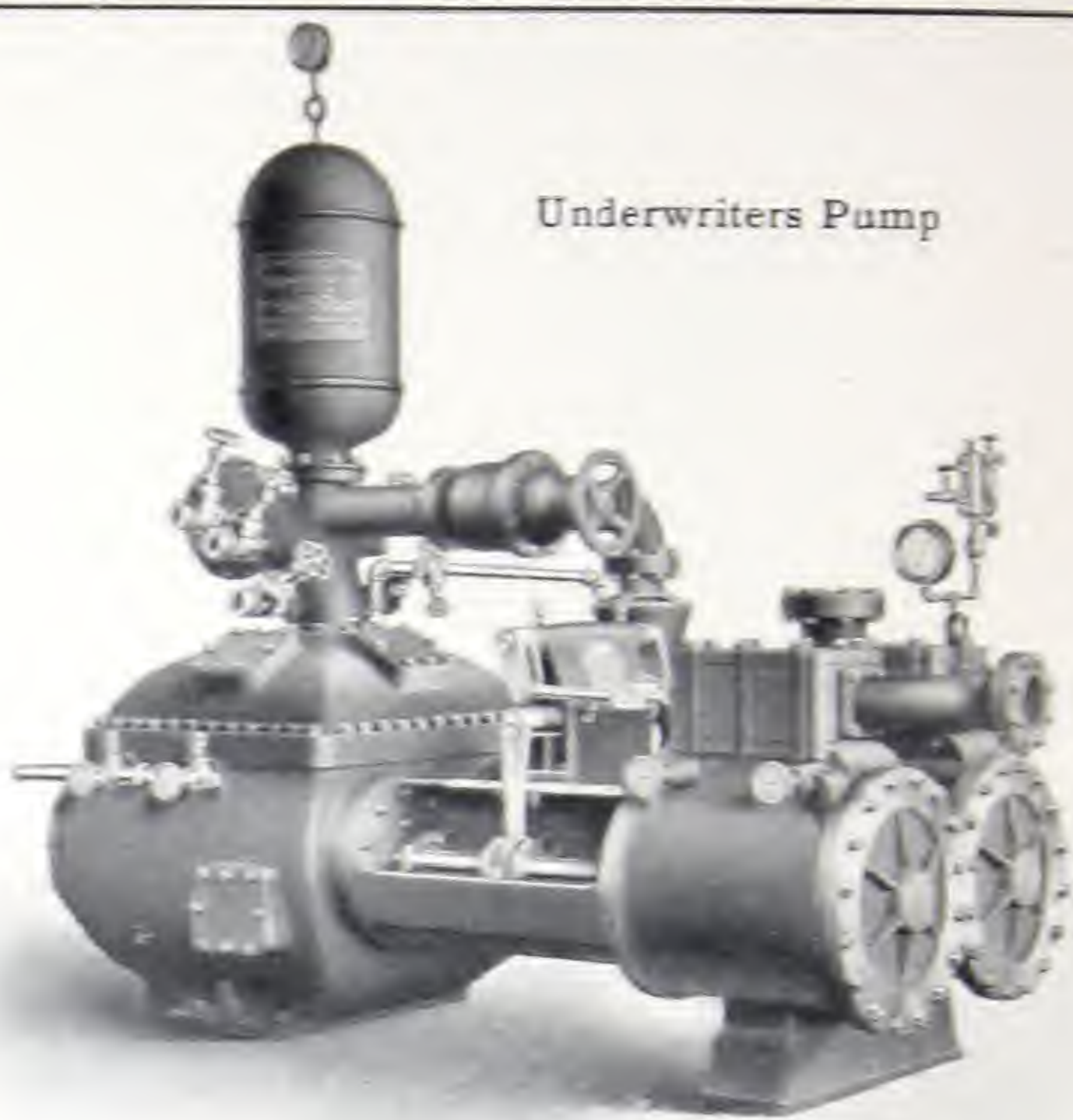
GASOLINE ENGINES

FOOS GAS AND GASOLINE ENGINES are made in both horizontal and vertical types.

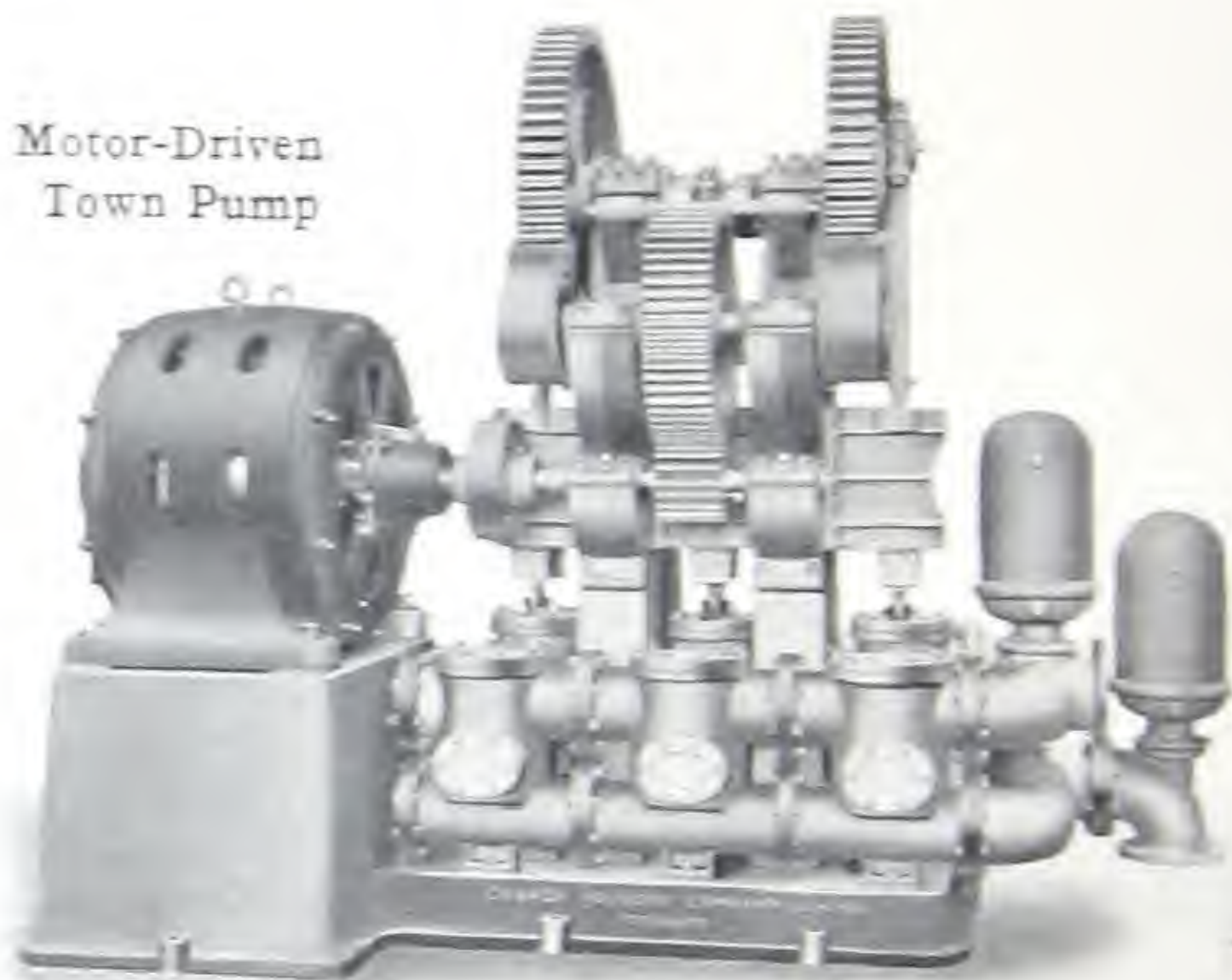
Horizontal from 2 to 90 horse power.

Vertical Multi-Cylinder type from 20 to 500 horse power.

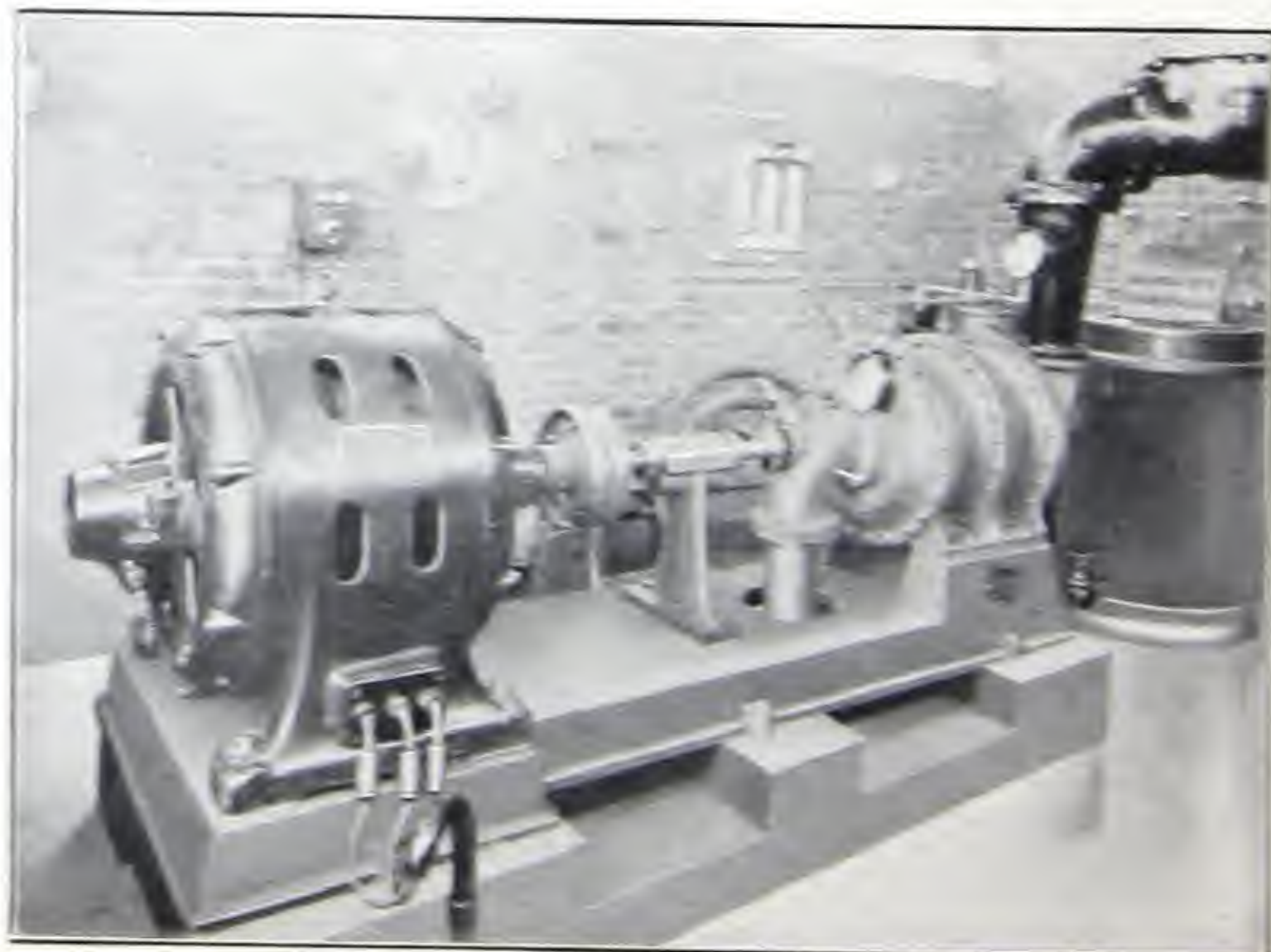
Adapted in the smaller sizes for isolated Electric Lighting Plants and Water Pumping Service.



Underwriters Pump



Motor-Driven
Town Pump



Three-Stage Turbine Pump

STEAM PUMPS

UNDERWRITERS' FIRE PUMPS are made in strict accordance with the Regulations of the Canadian Board of Underwriters in four sizes, 500, 750, 1000, 1500 gals. per minute.

Only the most carefully selected material is used and combined with a high grade of workmanship renders this line of Pumps absolutely reliable.

We make all sizes of Steam Pumps, either single or duplex, simple or compound, for any duty.

POWER PUMPS

MOTOR DRIVEN PUMPS are designed for all purposes and are especially well adapted for Municipal pumping plants where electric power is available.

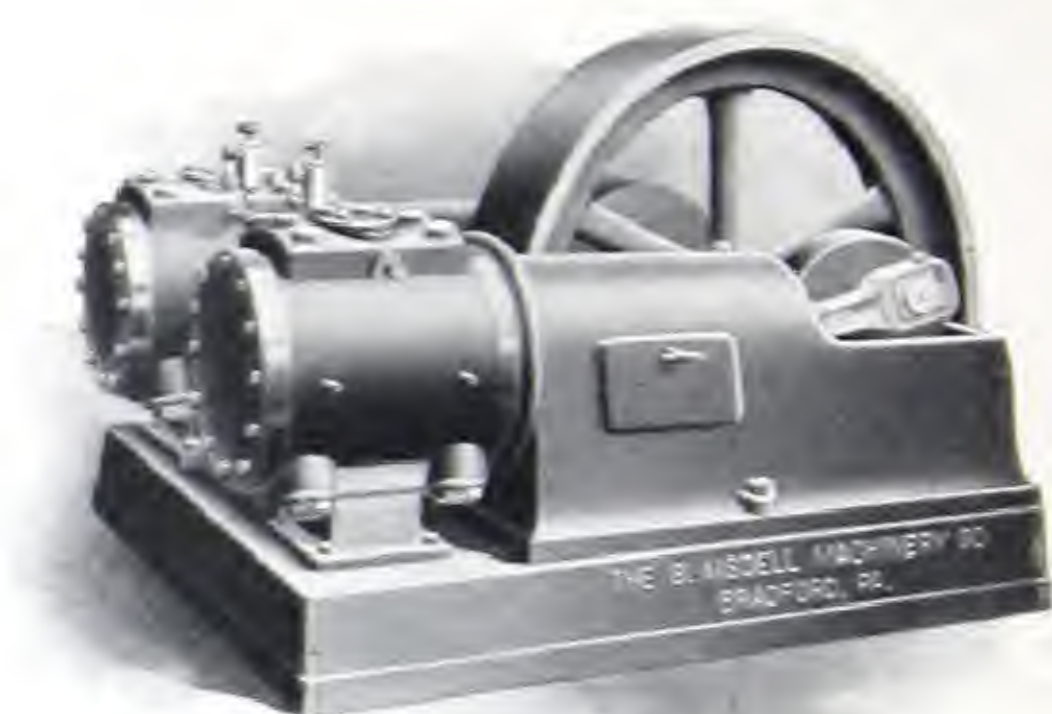
Making a compact, efficient and easily operated plant free from dirt or complications.

TURBINE PUMPS

TURBINE PUMPS under some conditions are preferable to the displacement type. Will handle large volumes of water with low first cost and lend themselves to direct connection to moderate speed motors or to gas engine drive. Built for heads up to 1,000 feet.



Steam Compressor



Power Compressor



Air Receiver

STEAM AIR COMPRESSORS

CANADA AIR COMPRESSORS are made to fulfil the most stringent requirements of the manufacturer or miner, they are especially designed with the view of securing economical operation, are self-oiling, have large valve areas and all parts are easily accessible.

POWER AIR COMPRESSORS

AIR COMPRESSORS are also built for belt or motor drive in single or duplex type as shown.

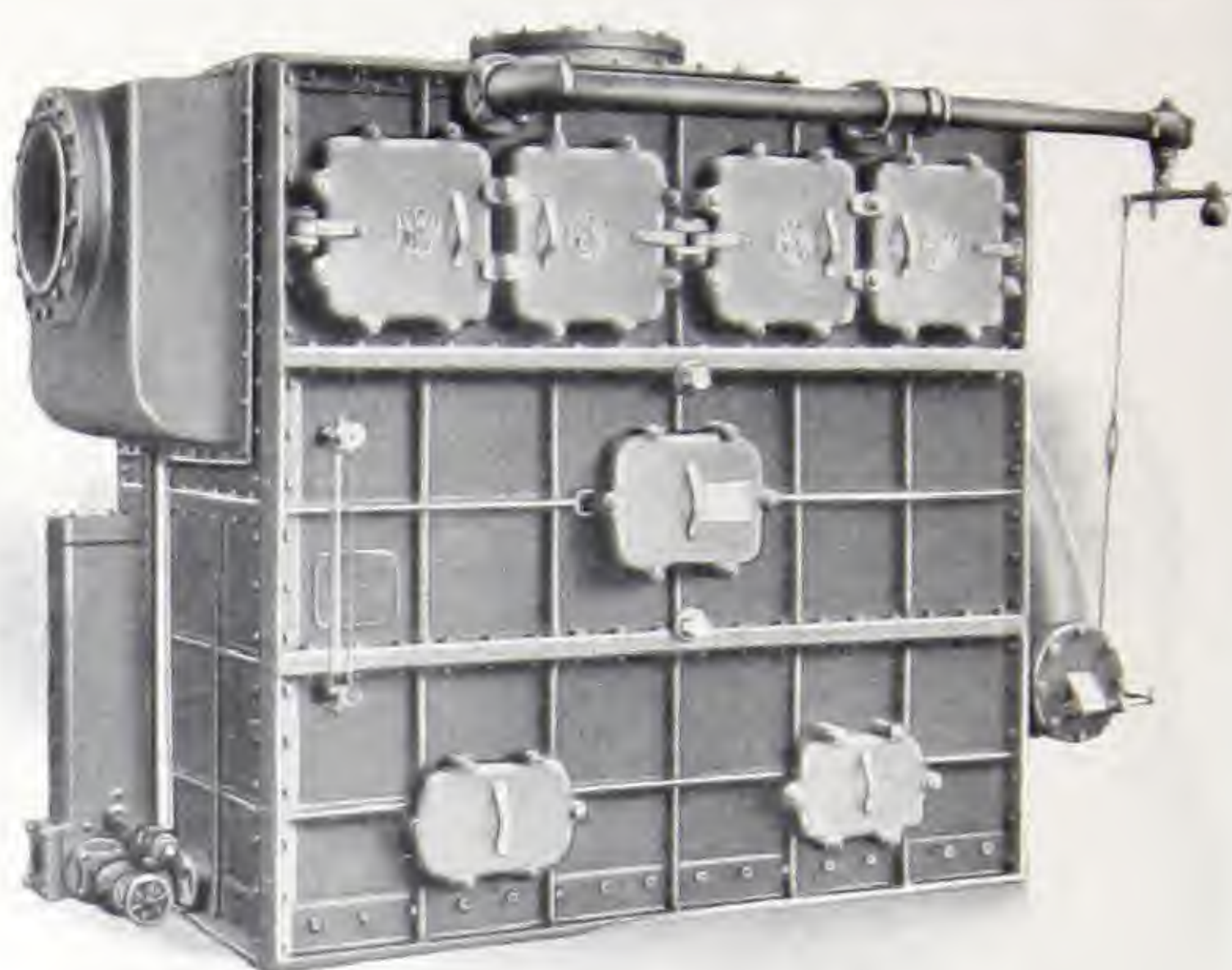
They can be furnished of any size up to 3000 cubic feet capacity, from 20 to 100 pounds pressure.

Motor Driven, Automatically Controlled Compressors for air brake service.

AIR RECEIVERS

COMPRESSED AIR RECEIVERS are built from best flange steel, having a tensile strength of not less than 60,000 pounds per square inch, are double rivetted and heads dished.

They are thoroughly tested before leaving the works and are made in sizes up to 5,000 cubic feet capacity.



Cochrane Heater



Steam Separator



Oil Separator



Mechanical Tube Cleaner

COCHRANE OPEN FEED WATER HEATERS

COCHRANE OPEN FEED WATER HEATERS

deliver feed water at boiling point.

Remove all impurities which will precipitate at this temperature.

Oil Separators form an integral part of the Heater.

One of the most important and money-saving adjuncts to any steam plant.

Increase the capacity of the boilers and reduce operating cost by practically eliminating scale troubles and cutting the coal bill one per cent. for each 10 degrees of increased temperature in the feed water.

4,000,000 horsepower in use.

STEAM SEPARATORS

COCHRANE STEAM SEPARATORS will extract

ALL the water from steam passing through them, thus protecting engines from water and securing much greater economy. Over 10,000 doing satisfactory service.

OIL SEPARATORS

COCHRANE OIL SEPARATORS will purify

exhaust steam so that the water may be used to feed boilers without any injurious effects.

TUBE CLEANERS

WEINLAND TUBE CLEANERS can be furnished of the Turbine type for small installations, or the mechanical type for large plants.

Both will do the work effectively and with perfect safety.

Don't waste fuel and risk a break down—Buy a Weinland Tube Cleaner and have your boiler tubes cleaned quickly and well.



Steel Structure for Fire Proof Building



Steel for Exhibition Building



Design No. 719



Design No. 708

Capitals



Steel Eye Beam

STEEL BUILDINGS

We are prepared to design, construct and erect Steel Structure for all kinds of buildings.

Our extensive plant and large stock of material admits of large contracts being handled in an expeditious manner.

STEEL ROOFS

We have special facilities for turning out roof trusses and structural shapes of all kinds.

STEEL WINDOW FRAMES for fire-proof buildings.

STEEL GRILL FLOORING, STAIRS, BALCONIES, ETC.

BAR-LOCK SIDEWALK, FLOOR AND SKY-LIGHT PRISM GLASS CONSTRUCTION.

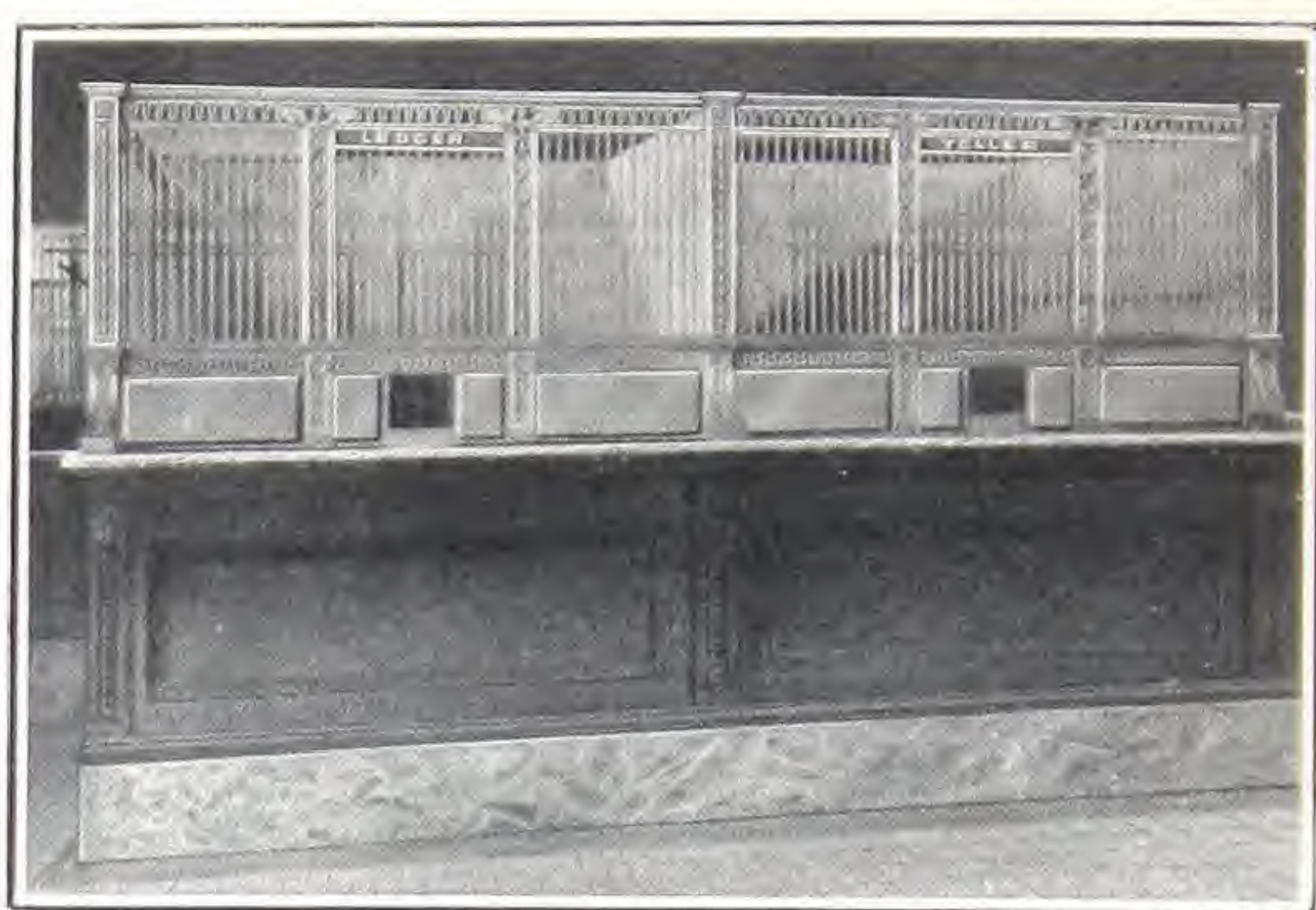
COLUMNS

We have a large and varied assortment of ornamental capitals for cast iron columns which can be supplied at short notice.

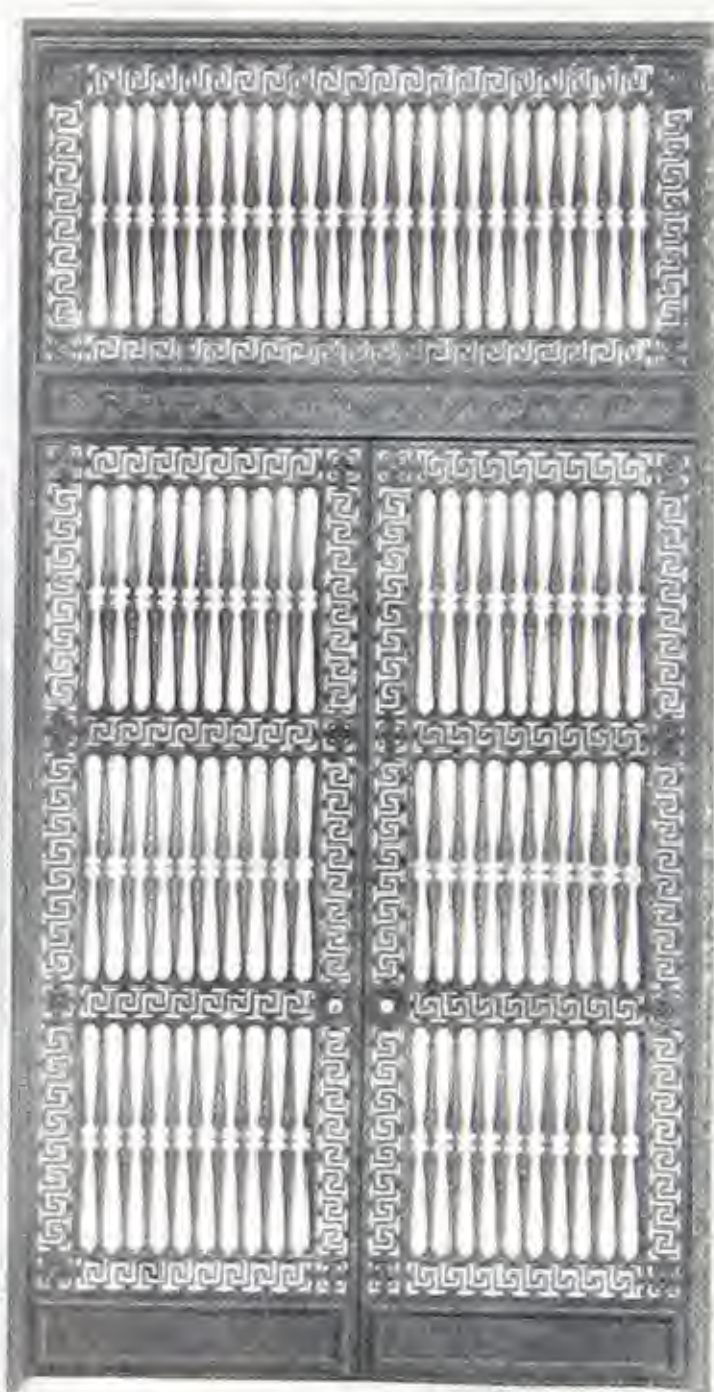
We can also supply wrought iron columns of any section or description.

STRUCTURAL SHAPES

We carry a large stock of Eye Beams, Channels, Angles, Tees and Plates and can make special prices on delivery from stock.



Bronze Grille, Bank of Commerce, Montreal



Grille Door



Bronze Door



Bronze Name Plate

BANK RAILINGS

All of our Art Metal Work is designed, built and erected under the immediate supervision of the manager of our Ornamental Iron Department which is housed in a separate and distinct plant, complete in every detail for the manufacture of Art Metal Work of every description.

BRONZE DOORS

Until recently it has been impossible to obtain fine bronze work of any magnitude in this country; now we are prepared, and have made bronze work for banks and public buildings equal in design and workmanship to anything that can be obtained in any other country.

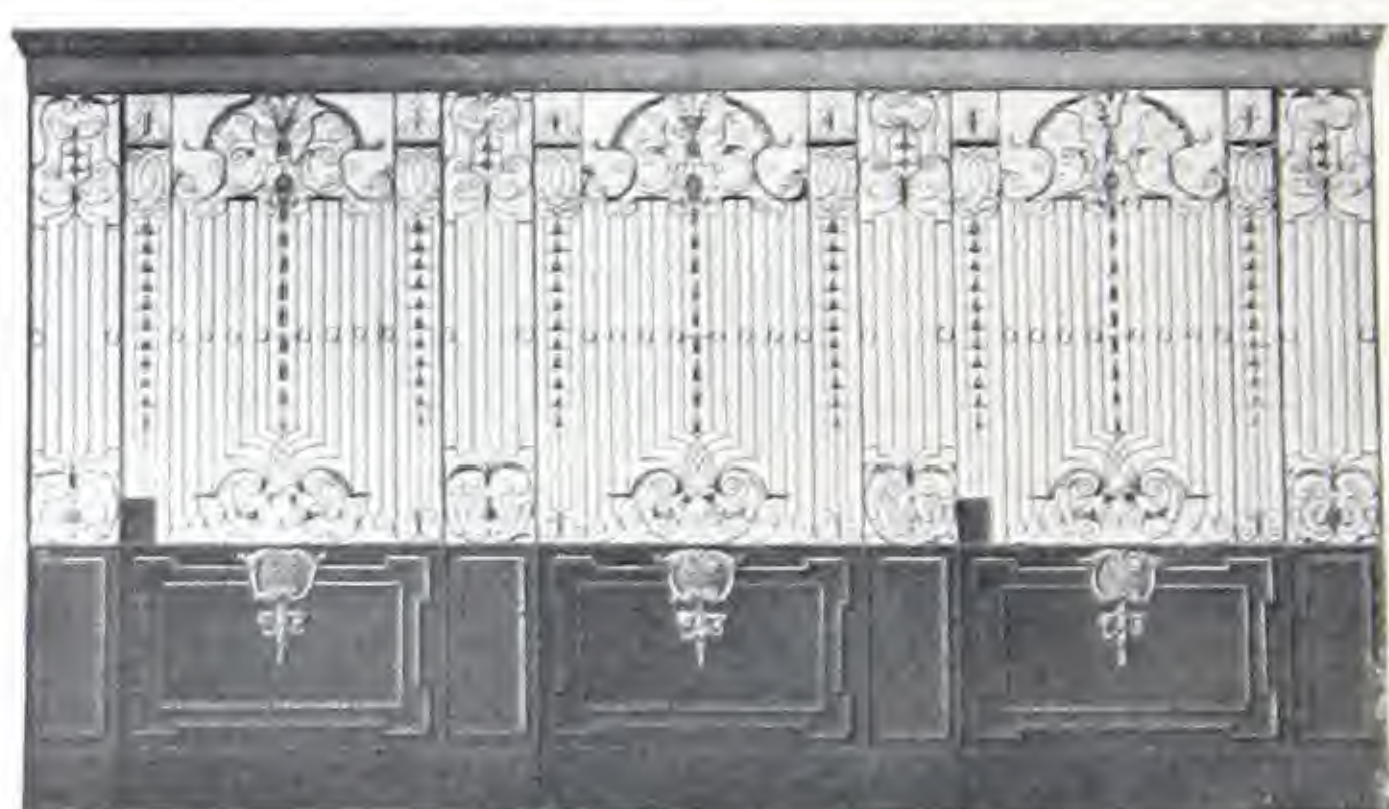
We will be glad to furnish estimates, or designs, for this class of work in any form desired and can guarantee satisfaction in every respect.

BRONZE TABLETS

The use of solid bronze plates for signs and memorial tablets is increasing and we make a specialty of this work and can furnish any finish desired.



Metal Stair Case and Balcony



Elevator Enclosure



Gates St. James' Cemetery, Toronto

STAIR CASES

METAL STAIRS are being generally adopted for all large public buildings, schools, etc., both for their fire-proof and lasting qualities. We are prepared to furnish them either in cast or wrought metal of any design or finish, and with metal or any friction thread.

FIRE ESCAPES specially designed so as to be ornamental as well as useful.

ELEVATOR ENCLOSURES

It is very important that Elevator Enclosures should be built securely and that the design be in keeping with the rest of the building. Our long experience in this line of work ensures satisfactory design and workmanship.

ENTRANCE GATES

It is generally accepted that Iron Fences last so much longer than wooden ones, that they prove cheaper and more artistic.

We can furnish fences and gates in any design, from the cheapest to the most ornate, at corresponding prices.



Fountains



Valves



FOUNTAINS

Nothing adds so much to the appearance of a well kept lawn as a neat fountain.

We have patterns for many kinds, from a single jet to the large display fountains for public parks, squares, etc.

DRINKING FOUNTAINS

No modern city is complete without its supply of drinking fountains for man and beast.

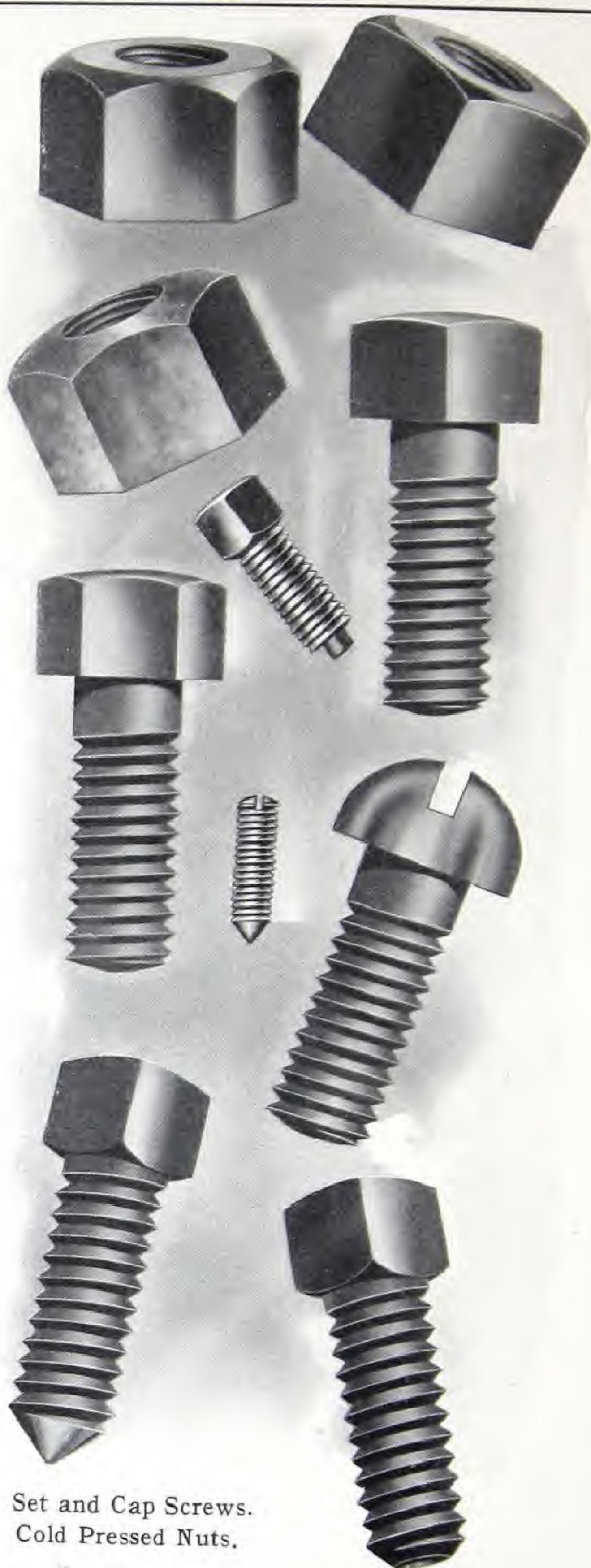
We have a number of designs for parks and streets, both for continuous flow and arranged with automatic stop valves.

VALVES

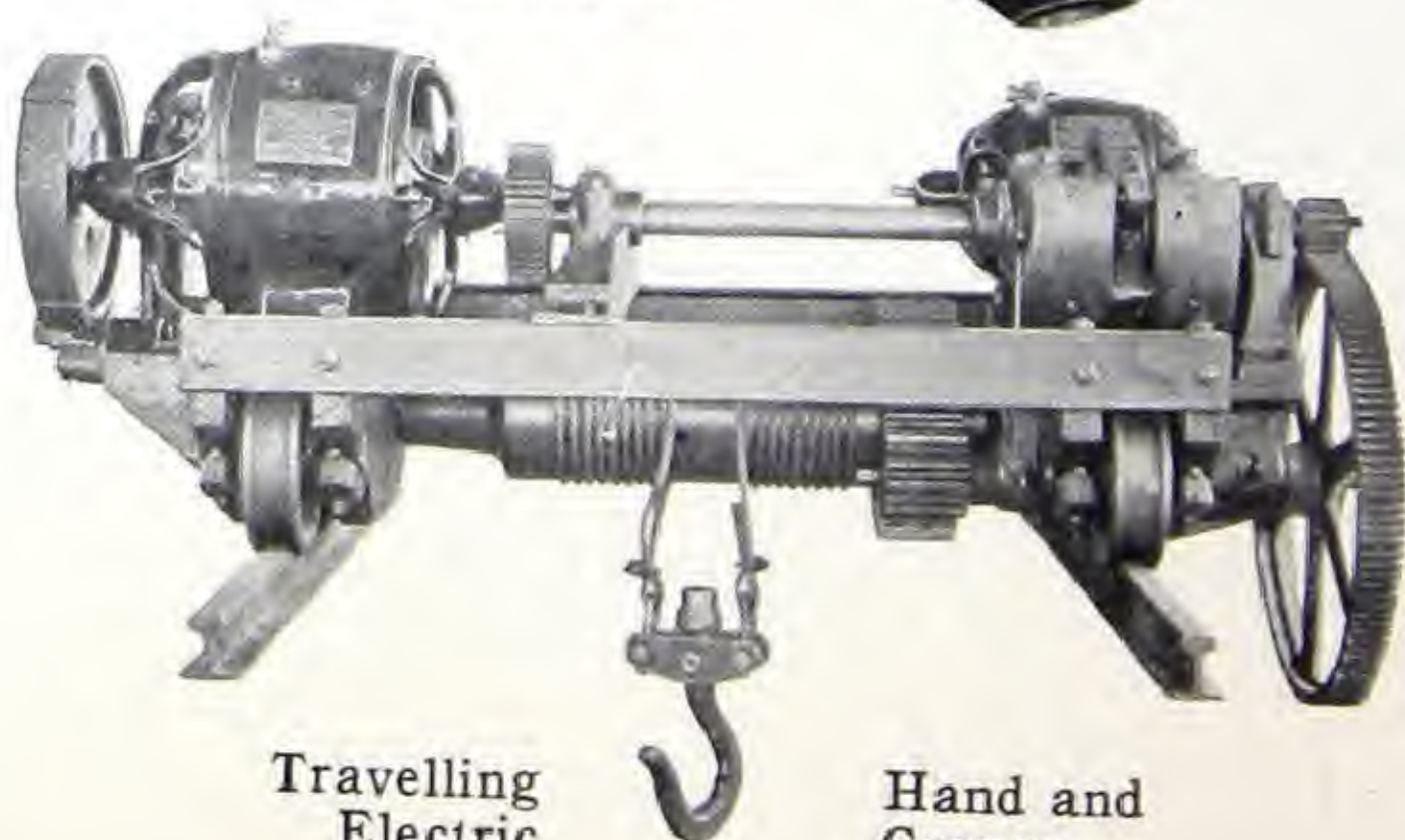
All of our valves and hydrants are made from selected metal and are carefully designed to give long service under the most exacting conditions. They are all tested for the pressure required before leaving our works.

PIPE

Cast Iron Pipe for water or gas service is made in a foundry specially adapted for that purpose, and each length is tested before shipment.



Set and Cap Screws.
Cold Pressed Nuts.



Travelling
Electric

Hand and
Cranes.

We control the exclusive rights throughout the Dominion of Canada for the manufacture and sale of the following:—

ALLIANCE MACHINE CO., Alliance, O.

(Cranes)

AMERICAN BAR-LOCK CO., Philadelphia, Pa.

(Bar-lock wrought-steel Skylight and Vault-light construction)

BUDA MANUFACTURING CO.,

(Jacks, Railway Tools)

BLACKSTONE & CO., Stamford, England

(Oil Engines)

BLAISDELL MACHINERY CO., Bradford, Penn.

(Air Compressors)

BUCYRUS CO., THE, South Milwaukee, Wis.

(Steam Shovels and General Railroad Equipment)

EDWARDS AIR PUMP SYNDICATE, Limited,

London, E.C., Limited

(Air Pumps and Condensing Apparatus)

ESTATE OF E. T. HANNAM, Philadelphia, Pa.

(Atlas and Canada Water Tube Boilers)

FOOS GAS ENGINE CO., Springfield, Ohio

(Gas and Gasoline Engines, etc.)

HARRISON SAFETY BOILER WORKS,

Philadelphia, Penn. (Heaters and Separators)

IROQUOIS IRON WORKS, Buffalo, N.Y.

(Road Rollers and Road Making Machinery)

KOEHRING MACHINE CO., Milwaukee, Wis.

(Cement Machinery)

LAGONDA MANUFACTURING CO., Springfield, Ohio

(Tube Cleaners)

LEFFEL, JAMES & CO., Springfield, Ohio

(Steam Engines and Boilers)

POWER GAS CORPORATION, 39 Victoria Street,
London, S.W., England

(Gas Producers and Equipment)

PREMIER GAS ENGINE CO., Sandiacre, Nottingham,
England

(Gas Engines)

C. E. SQUIRES CO., Cleveland, O.

(Steam Specialties)

BULLETINS

- 10—Blacksmith's Forges.
- 12—Iron Stairways.
- 14—Elevator Cars and Enclosures.
- 15—Bank and Office Railing.
- 16—Door and Window Grills.
- 18—Fountains and Park Requisites.
- 19—Iron Cresting.
- 20—Fire Dogs, Fenders, etc.
- 21—Cast Iron Architectural Details.
- 22—"Easy" Injectors.
- 23—Entrance Gates and Fences.
- 26—Air Compressors.
- 27—Wrought Iron Fences.
- 30—Gate Valves and Hydrants.
- 31—Rock Crushers.
- 32—"Canada" Water Tube Boilers.
- 33—Cast Iron Pipe and Specials.
- 34—Steam Pumps.

Others in Preparation.

CATALOGUES

- 11—Ornamental Ironwork.
- 15—Cochrane Separators.
- 350—Cochrane Heaters.
- 1002—Screws and Nuts.
- Bucyrus Steam Shovels.
- Blackstone Oil Engines.
- Koehring Concrete Mixers.
- Buda Railroad Specialties.
- Foos' Gas and Gasoline Engines.
- Iroquois Road Rollers.
- Asphalt Tools.

